

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent Application No. 10/510,628

Confirmation No. 4179

Applicant: Hegemann et al.

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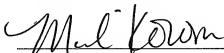
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUBMISSION OF REPLACEMENT OR AMENDED SEQUENCE LISTING**

Dear Sir:

In accordance with the requirements of 37 CFR 1.821-1.825, a replacement or amended sequence listing is being submitted herewith. The sequence listing is in the form of both a paper copy and a computer-readable form. The undersigned hereby verifies that the content of the paper copy and the computer-readable form, as concurrently being submitted, are the same. No new matter is being added by way of the paper copy or computer-readable form of this replacement or amended sequence listing.

Respectfully submitted,



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